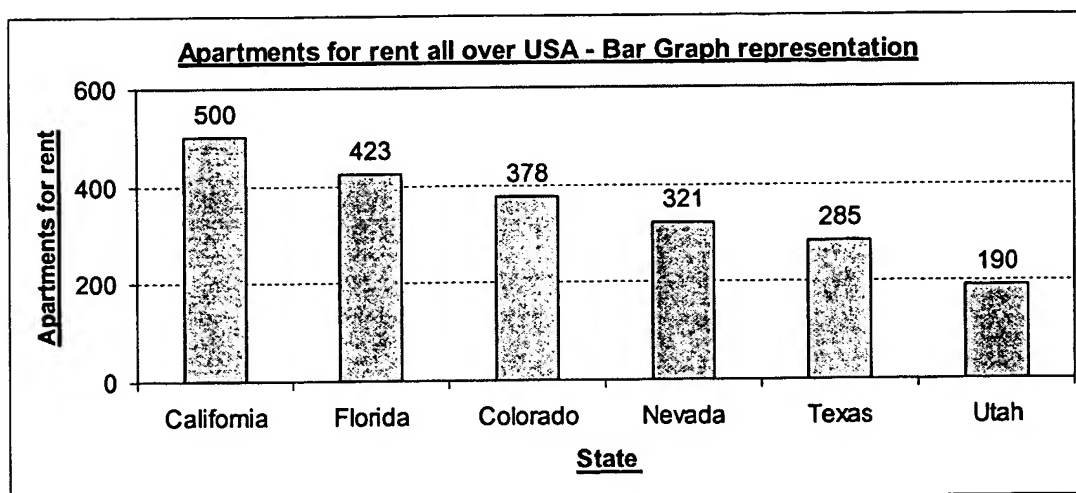
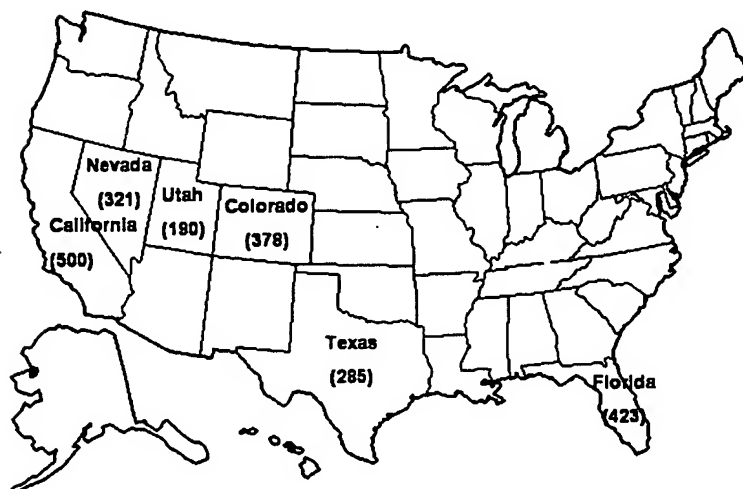


Apartments for rent all over USA – MAP representation**Apartments for rent all over USA – Summary Table representation**

State	Apartments for rent
California	500
Florida	423
Colorado	378
Nevada	321
Texas	285
Utah	190

Figure-1

Apartments for rent in Palo-Alto – Data Table

		Record #	Address	Bed Rooms	Rental Period	Owner Phone Number	Apartment Picture
<input type="checkbox"/>		1	14 G. Washington St.	3	6 months	456-555-6654	None
<input type="checkbox"/>		2	25 G. W. Bush St.	4	24 months	456-555-6546	www.abc.com
<input type="checkbox"/>		3	133 Roosevelt St.	2	12 months	845-555-1313	www.abcd.com
<input type="checkbox"/>		4	522 Alameda St.	3	12 months	235-555-3651	www.abcd.com
<input type="checkbox"/>		5	223 Birmingham St.	3	12 months	933-555-5651	www.abcde.com

Figure-2

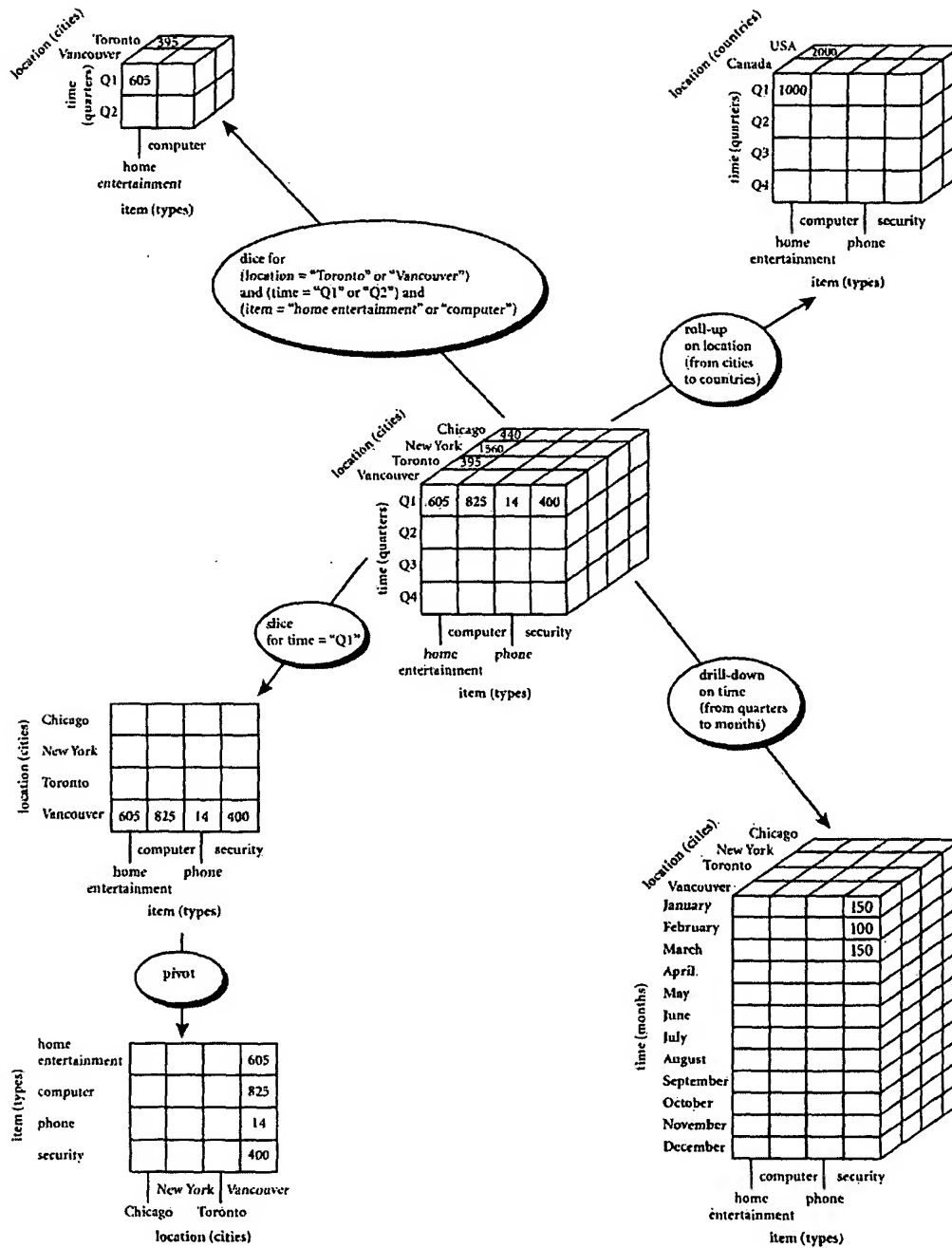


Figure-3

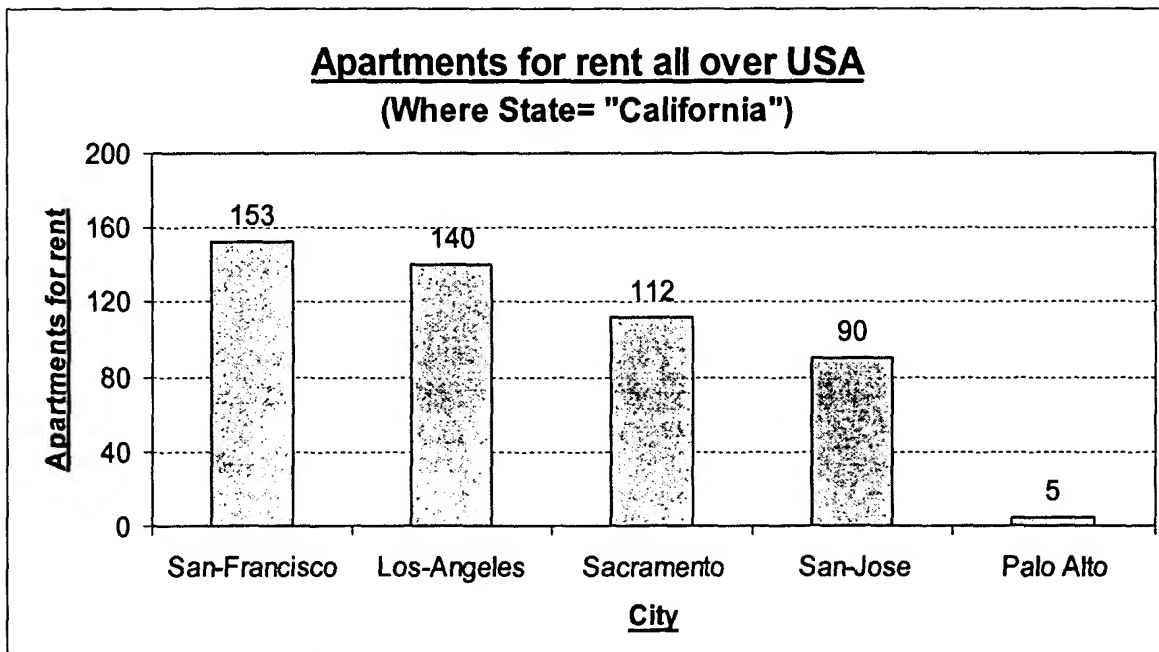
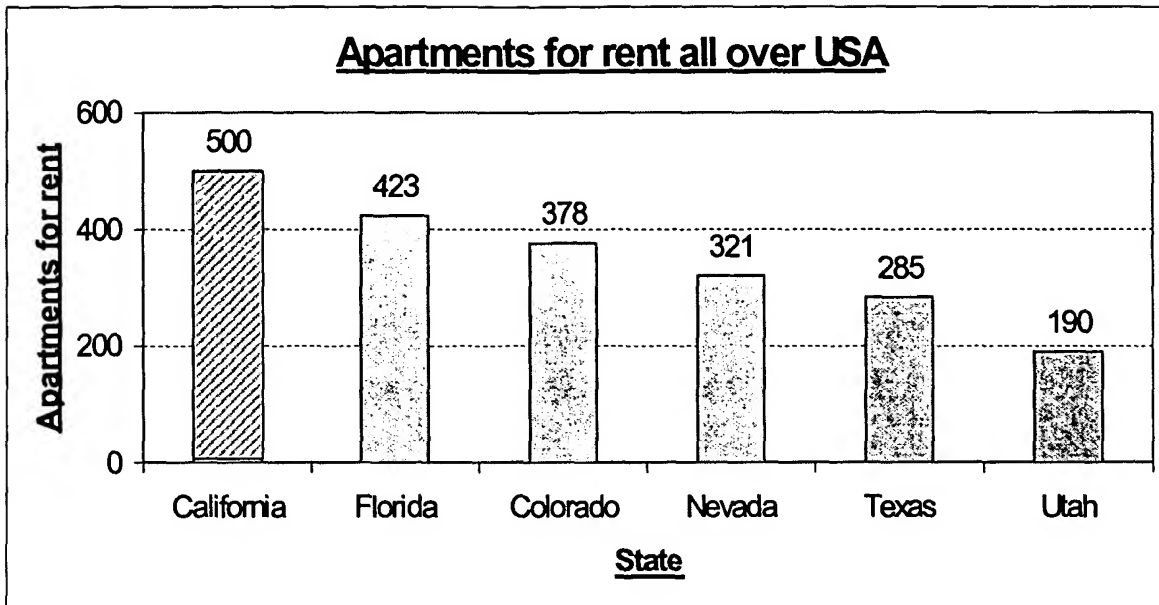


Figure-4

Apartments for rent all over USA

State	Apartments for rent
<u>California</u>	500
Florida	423
Colorado	378
Nevada	321
Texas	285
Utah	190

Apartments for rent all over USA
(Where State= "California")

City	Apartments for rent
San Francisco	153
Los Angeles	140
Sacramento	112
San Jose	90
Palo Alto	5

Figure-5

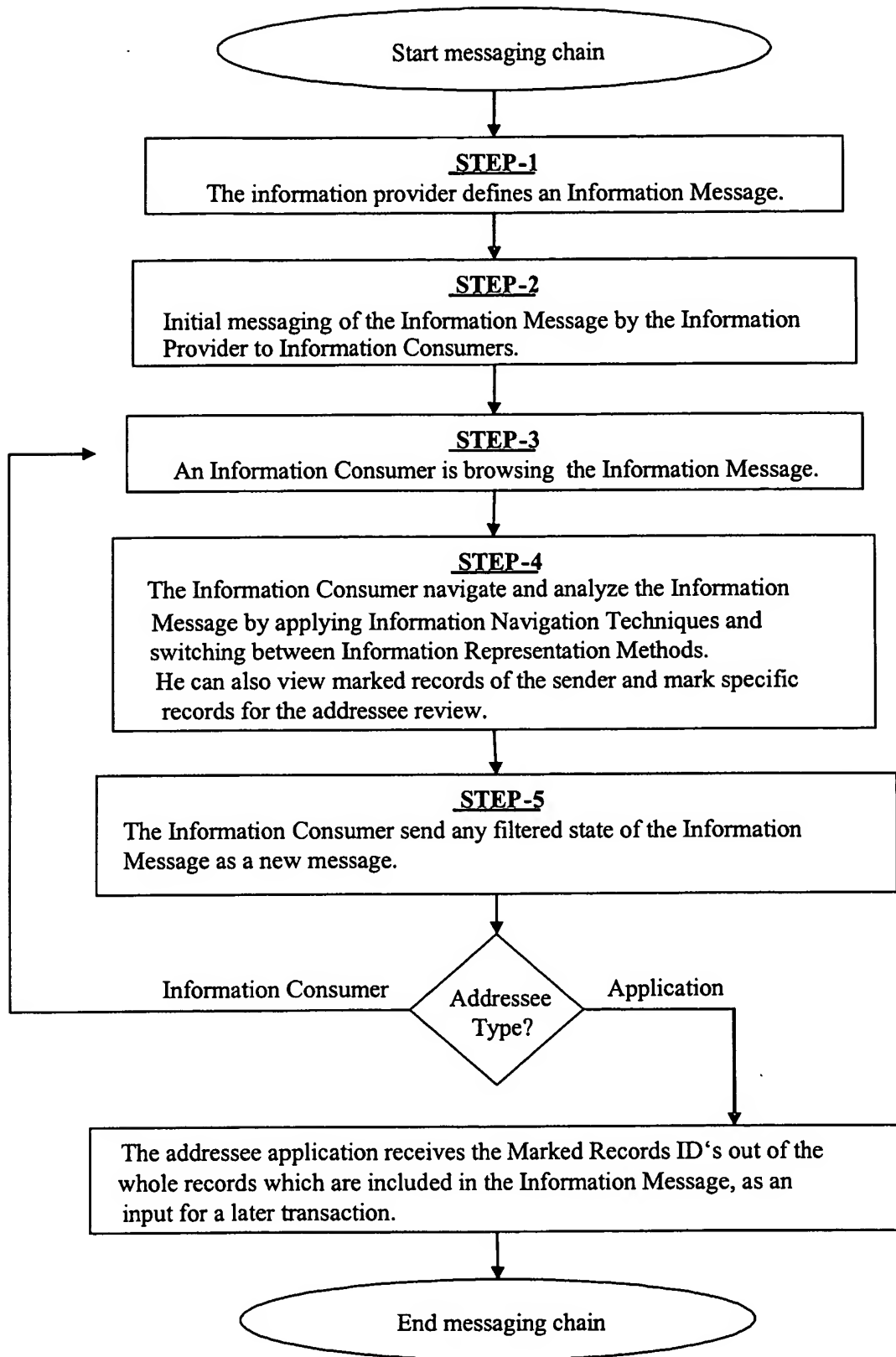


Figure-6

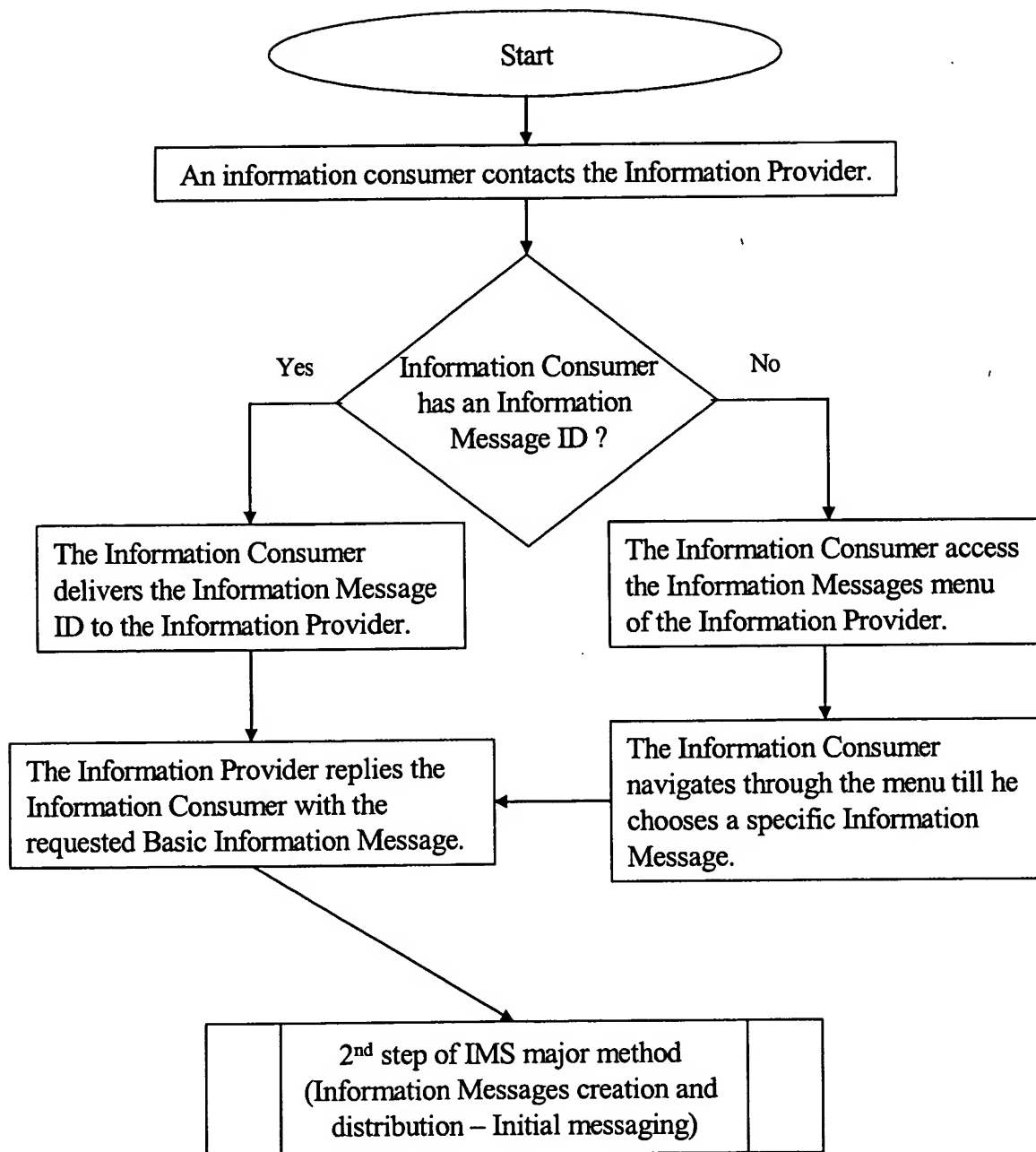


Figure-7

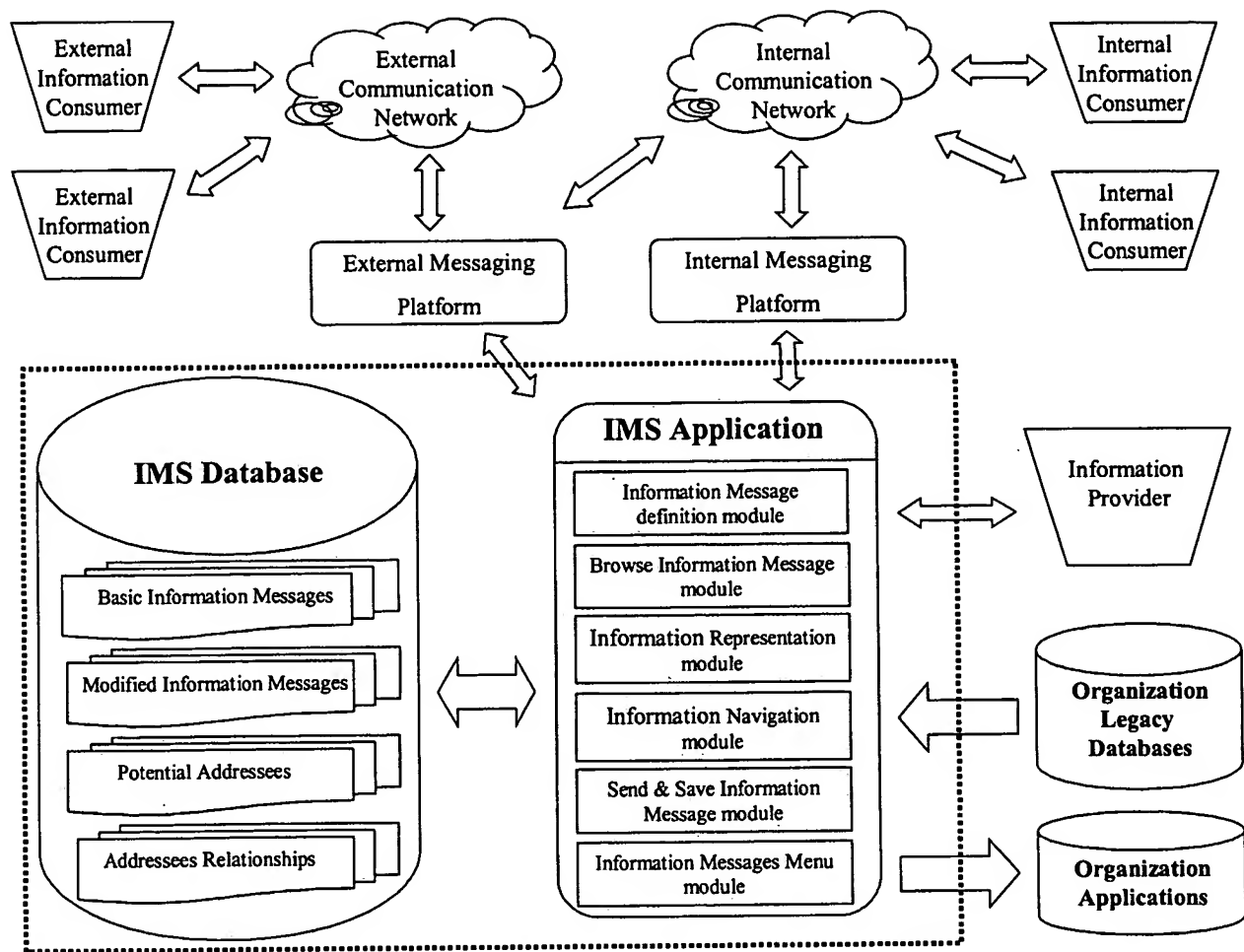


Figure-8

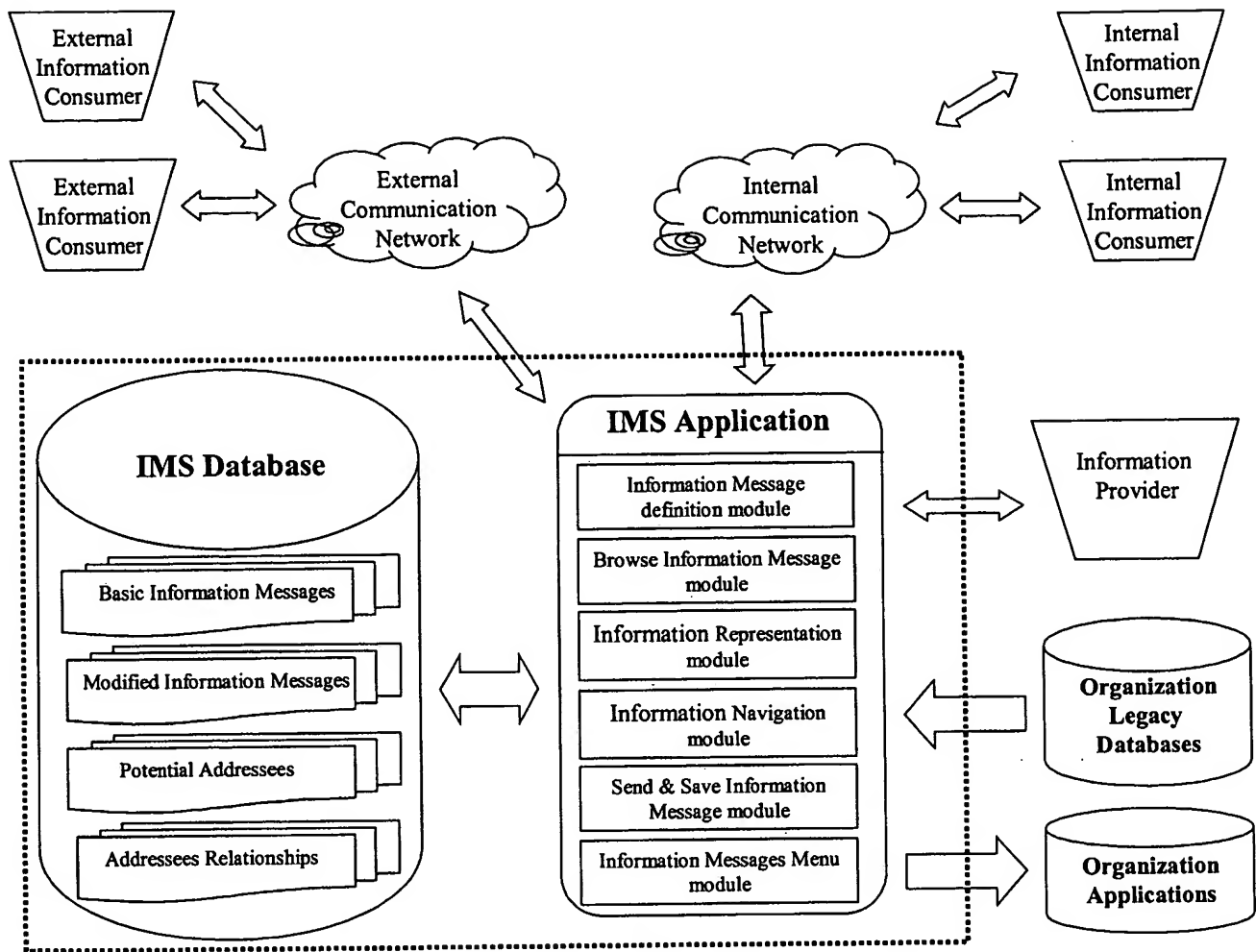


Figure-9

Basic Information Message

1. Unique ID.

2. Database query syntax.

3. Record ID fields.

4. Allowed Data Representation Methods.

5. Allowed Information Navigation Techniques.

6. Secured / Non-Secured information indicator.

7. Authorized Addressees.

8. Expiration Policy.

9. Message cost policy.

Figure-10

Modified Information Message

1. Unique ID.
2. Basic Information Message unique ID.
3. Additional database query syntax.
4. Last used representation method.
5. Last used navigation techniques.
6. Marked Records ID's list.
7. Limitations on Information Navigation Techniques.
8. Limitations on Information Representation Methods.
9. Actual addressees.
10. Sender ID.
11. Online/Offline indicator.
12. Offline message data.

Figure-11

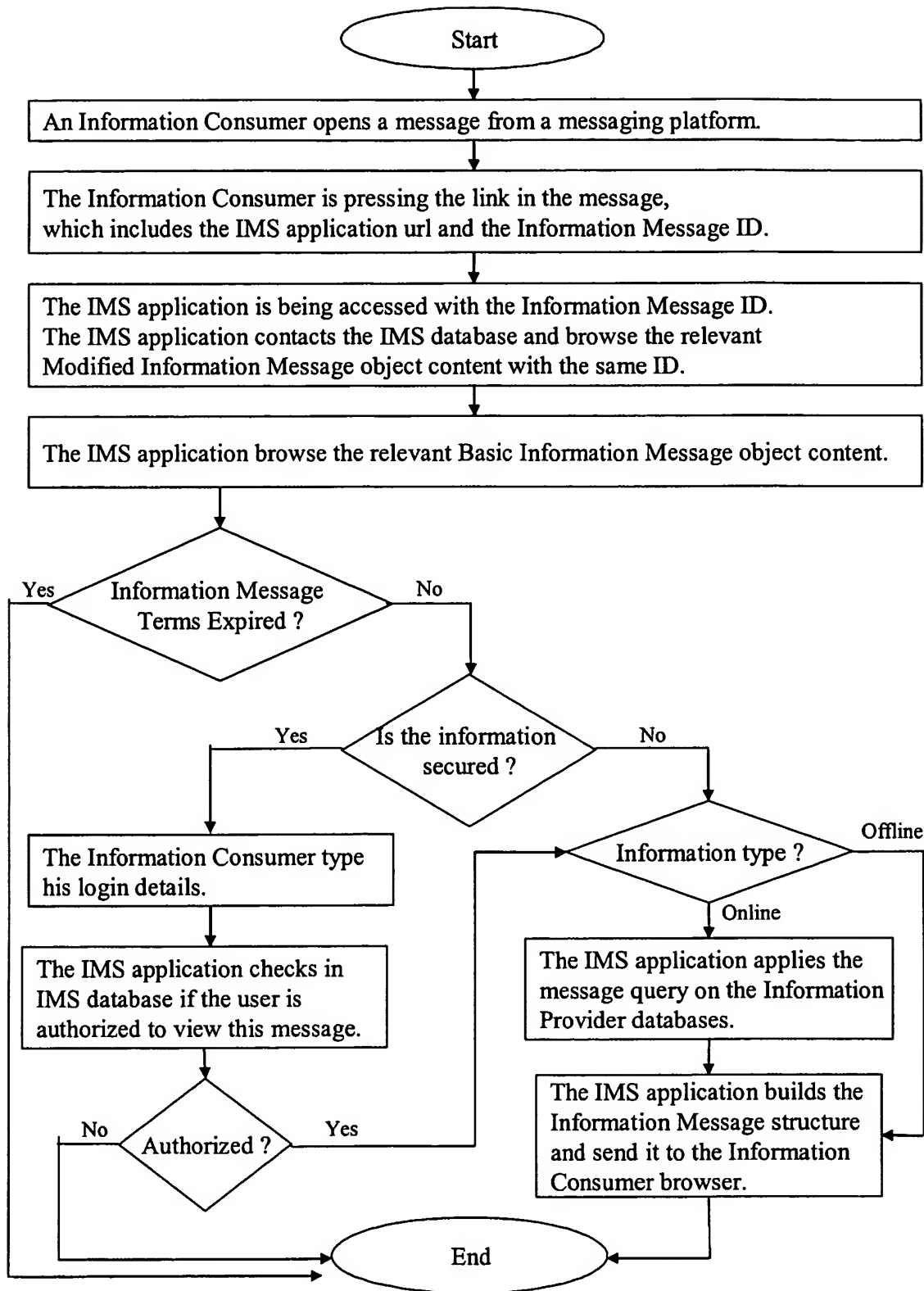


Figure-12

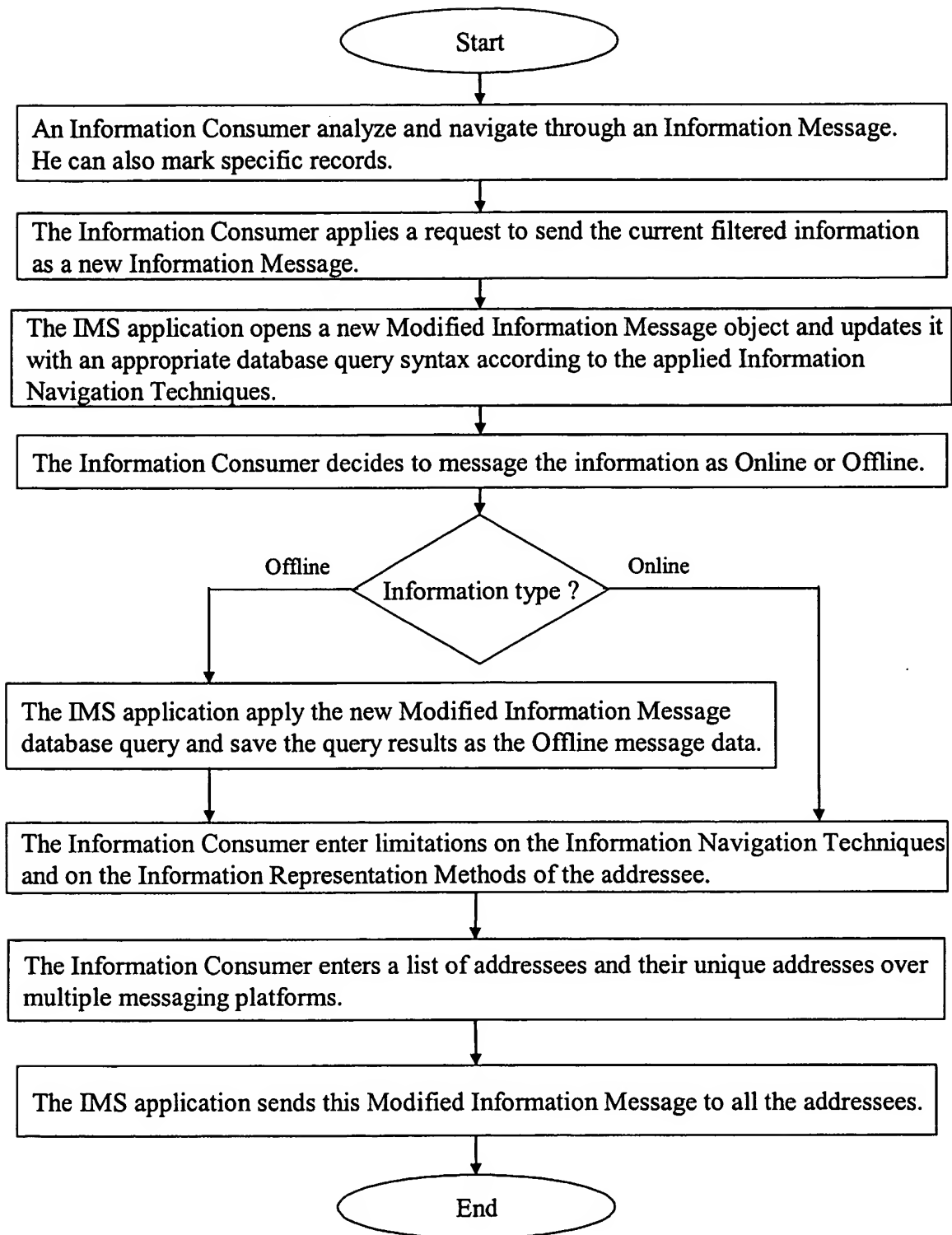


Figure-13